

IN THE CLAIMS:

Please amend the claims as follows and add new claims 22-37:

Claims 1-15. (Cancelled).

16. (Previously Presented) A dispenser, comprising:
a tee connector having an upper opening, said tee connector forming a lower chamber;
and
a cylinder secured to said upper opening of said tee connector, said cylinder forming an upper chamber, said upper chamber having a lower portion disposed below an upper portion of said lower chamber and above a lower portion of said lower chamber, said lower portion of said upper chamber having a bottom surface with a plurality of openings passing therethrough and having a side surface with a plurality of openings passing therethrough; and
said lower portion of said lower chamber being unobstructed over substantially its entire length.
17. (Original) The apparatus of claim 16, further comprising:
a first reducer bushing operably connected to an upstream opening of said tee connector;
and
a second reducer bushing operably connected to a downstream opening of said tee connector.
18. (Original) The apparatus of claim 17, further comprising:
a first powered valve operably connected to said first reducer bushing; and
a second powered valve operably connected to said second reducer bushing.

Claims 19-20. (Cancelled).

21. (Previously Presented) An apparatus, comprising:

a dispenser having a lower chamber, an upper chamber, an upstream opening, and a downstream opening, a lower portion of said upper chamber being disposed below an upper portion of said lower chamber and above a lower portion of said lower chamber, said lower portion of said lower chamber being unobstructed over substantially its entire length;

a first electrically powered valve operably connected to said upstream opening; and
a second electrically powered valve operably connected to said downstream opening.

22. (New) The apparatus of claim 21, wherein the upper chamber comprises a cylinder, the cylinder having a bottom surface having a plurality of openings passing therethrough and the cylinder having a side surface having a plurality of openings passing therethrough.

23. (New) The apparatus of claim 22, wherein the plurality of openings passing through the bottom surface comprise criss-crossing bars with openings therebetween for providing a fluid flow path between the upper and lower chambers.

24. (New) The apparatus of claim 22, further comprising a fluid flow path through the lower chamber from the upstream opening to the downstream opening via the plurality of openings in the bottom and the side of the cylinder, the fluid flow path allowing fluid flow through the openings in the bottom and side surfaces of the cylinder to flow to the downstream opening.

25. (New) The apparatus of claim 24, further comprising soluble matter disposed within the cylinder, wherein the fluid flow path allows a combination of fluid and soluble matter to flow from the plurality of openings in the bottom and side surfaces of the cylinder to the downstream opening.

26. (New) The apparatus of claim 21, wherein the apparatus is disposed within an irrigation system.

27. (New) The apparatus of claim 21, wherein the downstream opening is operably connected to one or more sprinkler heads.

28. (New) The apparatus of claim 21, wherein the upper chamber comprises a cylinder, the cylinder having an upper portion with a first diameter and a lower portion with a second diameter, the second diameter being less than the first diameter.
29. (New) The apparatus of claim 21, wherein the upper chamber is rigidly connected to the lower chamber.
30. (New) The apparatus of claim 21, wherein a fluid flow path into the upstream opening and a fluid flow path out the downstream opening are substantially in line with and parallel to one another.
31. (New) The apparatus of claim 21, wherein an inner diameter of the upstream opening is substantially equal to an inner diameter of the second opening.
32. (New) The dispenser of claim 16, further comprising:
 - an upstream opening;
 - a downstream opening;
 - a first electrically powered valve operably connected to the upstream opening;
 - a second electrically powered valve operably connected to the downstream opening; and
 - a fluid flow path through the lower chamber from the upstream opening to the downstream opening via the plurality of openings in the bottom and the side of the cylinder, the fluid flow path allowing fluid flow through the openings in the bottom and side of the cylinder to flow to the downstream opening.
33. (New) The dispenser of claim 32, wherein the upstream opening and downstream opening are operably connected to at least a portion of an irrigation system.
34. (New) The dispenser of claim 16, wherein the cylinder is rigidly connected to the tee connector.
35. (New) The dispenser of claim 16, wherein the dispenser is a single piece.

36. (New) The dispenser of claim 18, wherein the first powered valve is directly connected to the first reducer bushing and the second powered valve is directly connected to the second reducer bushing.

37. (New) The dispenser of claim 32, wherein the dispenser is capable of replacing a master valve of an irrigation system.